



THE UNITED STATES PATENT AND TRADEMARK OFFICE

#13/AMDT  
F

C. Que

5/28/02

In re Application of )

David Edgar Hauber ✓

Serial No. 09/ 332,420 ✓

) Art Unit: 1772 ✓

Filed: June 14, 1999 ✓

) Examiner: Alicia Chevalier

FOR REINFORCED THERMOPLASTIC )

PIPE MANUFACTURE )

AMENDMENT A

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

Responsive to the Office Action mailed April 2,  
2002, please further amend this application as follows:

IN THE CLAIMS ✓

Replace claim 1 to read:

1. A fiber reinforced pipe length comprising a solid thermoplastic organic member having an outer wall enclosing an inner hollow cavity which includes a plurality of continuous juxtapositioned reinforcement fibers formed with a solid material composition selected from the group consisting of ceramics, metals, carbon, glass compositions and organic polymers thermally bonded to the outer wall surface at a predetermined spatial angle with respect thereto for maximum effectiveness in withstanding the applied internal stress when the reinforced pipe length is subsequently put into service, the continuous fibers having been continuously applied in an unbonded condition while maintaining said pipe length in its hollow condition and the subsequent thermal bonding of the applied fibers primarily adhering the applied fibers to the outer wall surface of the underlying pipe length without utilizing further adherence agents.

Replace claim 7 to read:

7. A plurality of identical fibers reinforced pipe lengths joined together prior to reinforcement at the ends and each comprising a solid thermoplastic organic polymer member having an outer wall enclosing an inner hollow cavity, said joined pipe lengths having a plurality of continuous juxtapositioned reinforcement fibers formed with a solid material composition selected from the group consisting of ceramics, metals, carbon, glass compositions and organic